

ANNOTATIONES ZOOLOGICAE JAPONENSES

Volume 44, No. 4—December 1971

Published by the Zoological Society of Japan

A New Species of the Genus *Pidonia* (Coleoptera,
Cerambycidae) from Japan

With 2 Text-figures

Masataka OBIKA

Department of Biology, Keio University, Yokohama 222, Japan

and

Keiichi KUSAMA

Department of Biology, Faculty of Science, Shizuoka University, Shizuoka 420, Japan

(Communicated by S.-I. UÉNO)

ABSTRACT *Pidonia fujisana* n. sp. (Coleoptera, Cerambycidae) is described and illustrated on the basis of 63 specimens (36 males and 27 females) collected at Mt. Fuji, Shizuoka Prefecture, Japan. This new species is readily distinguished from the allied species of this genus by its unique elytral color pattern and morphological characteristics.

Pidonia fujisana n. sp.

Male: Form minute, moderately elongated; integument black and testaceous. Labrum, maxillae, labium and gula testaceous; front, vertex and genae black. Antennae largely brown; scapes and pedicels testaceous, darker beyond third segment, apices of third through fifth segments dark brown. Pronotum black. Thorax gray but with testaceous prosternum; scutellum black or very dark brown. Elytra yellowish except for sutural, transverse, lateral and apical black markings; sutural broad black area diffusing toward scutellum but not reaching it; a conspicuous oval black spot at median-lateral, a small, oblique lateral marking at basal fifth; apical margin black. Legs testaceous, metafemoral clubs dark brown. First and second abdominal segments black, third to fifth segments testaceous with lateral black markings.

Head broader than pronotum, closely and deeply punctate with a shallow mid-dorsal longitudinal furrow. Antennae barely exceeding elytral apices. Pronotum apparently longer than breadth, strongly constricted at apex and base, base almost as wide as middle, sides slightly obtuse, disc weakly convex; deeply and closely punctate, sparsely clothed with very fine, short pubescence. Thorax clothed with

short, pale pubescence. Elytra somewhat depressed, sides subparallel, apices smoothly and almost conjointly rounded; closely and deeply punctate, sparsely clothed with yellow pubescence. Length: 5.5–7.5 mm. Breadth: 1.4–2.0 mm.

Color variation: Third to fifth antennal segments sometimes entirely dark brown. Pronotum occasionally rufous at apical and basal margins. Mesosternum, meta- and mesofemoral clubs and third abdominal segment vary from testaceous to black.

Female: Form more or less round. Head entirely black or partly reddish brown. Antennae attaining apical fifth of elytra; apices of third through sixth segments dark brown, seventh to eleventh segments testaceous or brown. Prosternum varies from testaceous to black. Black markings on elytra more extensive than in male, sutural black marking never attaining scutellum or humeral angles. Apical halves of meso- and metafemora black, apical end of profemur sometimes dark brown or black. Abdomen testaceous, with lateral black markings in third to fifth segments. Length: 5.8–7.3 mm. Breadth: 1.5–2.0 mm.

Type-series: Holotype, male, June 28, 1970, collected by S. Tsuyuki. Paratypes, 35 males and 27 females, June 28, 1970, collected by S. Tsuyuki, J. Komiya, K. Kimura and T. Nakamura. The holotype and paratypes are deposited in

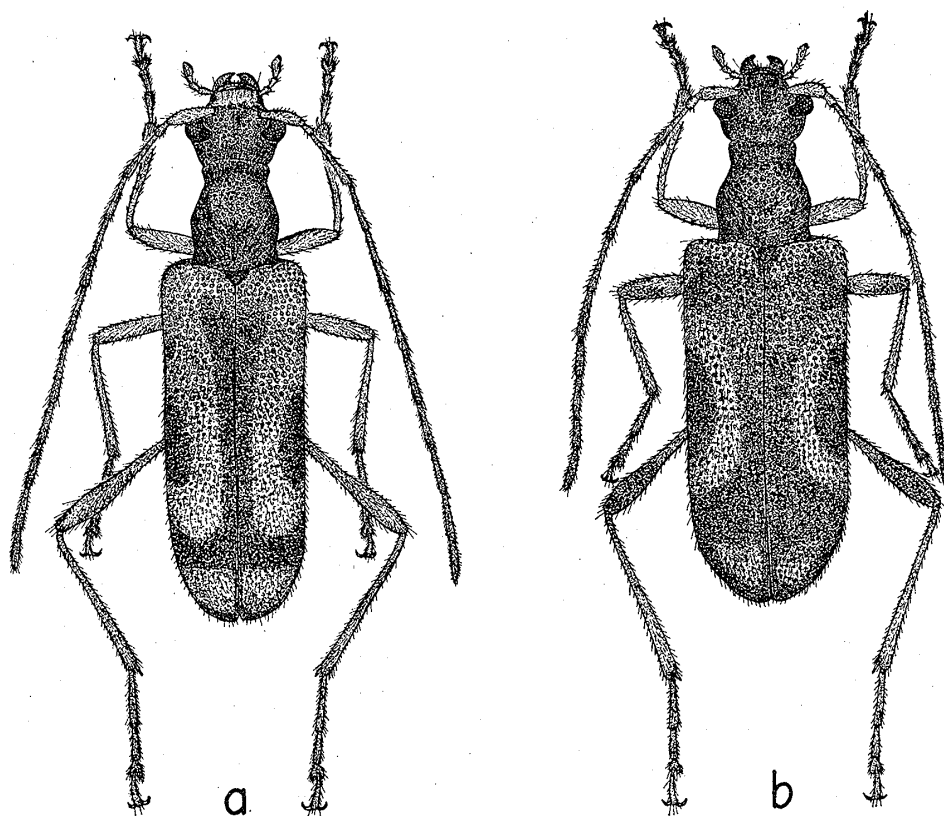


Fig. 1. *Pidonia fujisana* n. sp.; a, male; b, female.

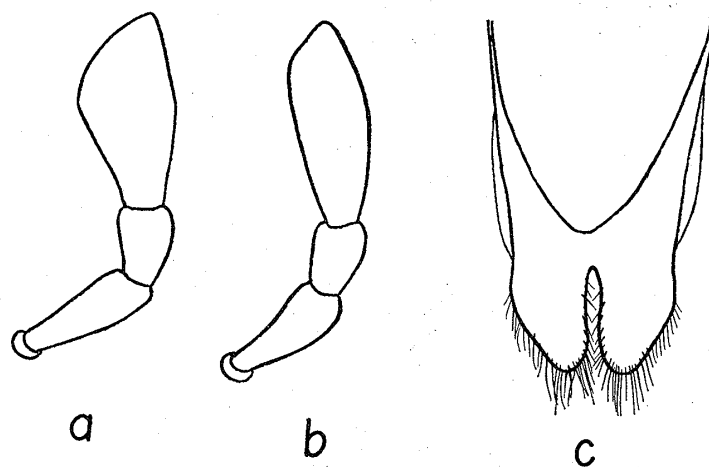


Fig. 2. Maxillary palpi and male genitalia; a, male maxillary palpus; b, female maxillary palpus; c, male genitalia.

the National Science Museum, Tokyo. Paratypes are also in the collectors' and the authors' private collections.

Type-locality: Mt. Fuji (Altitude 1,600 to 1,800 m), Shizuoka Pref., Japan.

The male of this species is readily distinguishable from the other representatives of similar size in this genus by its unique elytral color pattern and elongated, depressed form. The constricted, elongated pronotum and close deep elytral punctures are also characteristic of this species, although female elytral marking somewhat resembles that of *P. miwai* or *P. oyamae*. Also differs from the other larger members of this genus (*P. semiobscura* etc.) in its conjointly rounded elytral apices. About twenty more specimens of this species have been collected at the same place from June 28 to August 2, 1970.

ACKNOWLEDGEMENT

The authors wish to express their gratitude to Shigeo Tsuyuki, Jiro Komiya, Kinji Kimura and Toshihiko Nakamura for generous supply of the specimens used in this study. They are indebted to K. Kimura for illustrations.